

INTERFACE TECHNIQUE FOR SELECTING TYPE OF CONNECTION

ABSTRACT OF THE INVENTION

A method and system for automatically identifying the type of

- 5 communication interface used to couple a portable computer system with a second computer system, and for selecting the form of an application that is used with the type of interface. For example, a debugger application is collaboratively executed on the computer systems over the interface. When entering the debugger mode, software executed on the portable computer
- 10 system identifies the type of interface by reading a resistance value of a pin. After determining the type of interface, the form of the debugger used with the interface is automatically selected. A similar process is followed for other applications that depend on the type of interface. The user does not have to manually identify the type of interface. Instead, in response to a command that
- 15 is independent of the type of interface, the proper form of the application is automatically selected.